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TITLE: MODULATING CIRCUIT

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INVENTOR-INFORMATION:

NAME	COUNTRY
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ABSTRACT:

PURPOSE: To remove the phase shift of a carrier by constituting titled circuit of a carrier oscillator and an AM modulator and feeding back from the output side to the input side of the AM modulator through an AC feedback means.

CONSTITUTION: The phase difference of carriers between a carrier signal from the carrier oscillator 1 and the modulated output from the AM modulator is small when the current of the AM modulator 2 is high, and large when the current of the AM modulator 2 is low. If AC feedback is applied from the output side to the input side of the AM modulator through a feedback capacitor 15, the output of the carrier oscillator 1 and the feedback signal are synthesized basing a vector as an input, so that an input phase is automatically compensated and an output phase can be also compensated.

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